Method of making micro cellular foams

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Abstract of EP0707935

The prodn. micro-cellular thermoplastic foam sheet comprises: (a) impregnating a plastic melt (I) with a volatile blowing agent (II) in the supercritical state in a first extrusion zone A at a temp. above the T, of (I); (b) cooling the melt by at least 40 degrees C in a second extrusion zone B, to a temp. at least 30 degrees C above the Tg of blowing agent-free (I), and (c) expanding to normal pressure and cooling to room temp. to give expanded solid foam.

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